

Notice of Allowability

Application No.

10/776,499

Examiner

Naghmeh Mehrpour

Applicant(s)

MIR, IDREAS A.

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to remark filed on 10/13/06.
2. ☒ The allowed claim(s) is/are 1-15 and 17-23.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Allowable Subject Matter

1. **Claims 1-15, 17-23**, are allowed.

2. The following is an examiner's statement of reasons for allowance:

Regarding **claims 1, 14, 17**, the present application teaches a wireless device in a communication systems/network comprising a delayed transmission after reconfiguration of the physical layer, a wireless network initially sends a first message (e.g., a Reconfiguration message) to a wireless device for reconfiguration of uplink and/or downlink physical channels. The wireless network then performs synchronization to establish the uplink physical channels, and the wireless device performs synchronization to establish the downlink physical channels. Upon completing the downlink synchronization, the wireless device sends a second message (e.g., a Reconfiguration Complete message) to the wireless network. The wireless network sends a Layer 2 acknowledgment (L2 ACK) upon successfully decoding the second message. The wireless network delays transmission of signaling/data on the downlink, except for transmission of certain messages such as those needed for reconfiguration, until successful decoding of the second message. The wireless device delays transmission of signaling/data on the uplink, again except for certain messages, until reception of the L2 ACK as specifically mentioned on claims 1, 13-14, 17.

The closest prior art such as Lee (US Publication 2002/0082020) teaches a wireless device relates to a system for gating a dedicated physical control channel in a mobile communication system. A UTRAN (UMTS Terrestrial Radio Access Network) transmits a gating start command or a gating end command to a UE (User Equipment) through a specific transport format combination indicator symbol according to whether there exists data transmitted over a downlink physical shared channel and a dedicated physical data channel, thereby to start or end gating the dedicated physical control channel. Lee does not teach a receive data processor operative to receive a first message for reconfiguration of uplink and downlink physical channels, and a controller operative to perform synchronization to establish the downlink physical channel. In addition a transmit data processor operative to send a second message indicating completion of the synchronization, and the controller is further operative to delay transmission of signaling and data on the uplink physical channels except for transmission of designated messages, until the indication is received from the wireless network as specifically mentioned on claims 1, 13-14, and 17.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. **Any responses to this action should be mailed to:**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Naghmeh Mehrpour whose telephone number is 5571-272-791313. The examiner can normally be reached on 8:00 5:00.

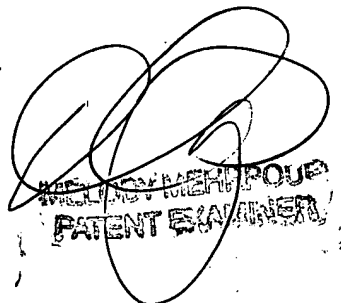
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha Banks-Harold be reached (571) 272-7905.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

NM

October 18, 2006



NAGHMEH MEHRPOUR
PATENT EXAMINER